



EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA SEPTEMBER QUARTER 1983

NEW ISSUE

- PHONE INQUIRIES** *for more information about these statistics*—contact Mr Terry Sharp on Canberra (062) 52 6655 or any of our State offices.
other inquiries including copies of publications—contact Information Services on Canberra (062) 52 6627 or in any of our State offices.
- MAIL INQUIRIES** *write to* Information Services, ABS, P.O. Box 10, Belconnen, A.C.T. 2616 or any of our State offices.

EXPLANATORY NOTES

Introduction

This publication contains results of the quarterly Survey of Employment and Earnings which was introduced in the September 1983 quarter. The survey is designed to obtain from employers information on numbers of wage and salary earners employed each month and their quarterly earnings. It replaces the civilian employees series, based principally on information obtained from payroll tax returns, which was discontinued after April 1980.

2. Background information on the reasons for the introduction of the new survey is provided in *Information Paper: Review of ABS Employment Statistics* (6239.0) published on 8 July 1981. Further information on the differences in concepts, methodology and coverage of the old and new employment series is provided in *Information Paper: New Statistical Series: Employment, Average Weekly Earnings, Job Vacancies and Overtime* (6256.0) issued on 21 June 1984.

Scope of the survey

3. All wage and salary earners who received pay in the three months, 1 July to 30 September, 1983 were represented in the survey, except:

- (a) members of the Australian permanent defence forces;
- (b) employees of enterprises in the private sector primarily engaged in agriculture, forestry, fishing and hunting;
- (c) employees in private households employing staff;
- (d) unpaid family helpers;
- (e) employees of overseas embassies, consulates, etc.;
- (f) employees based outside Australia;
- (g) self employed persons such as subcontractors, owner drivers and consultants.

4. Estimates of employed wage and salary earners within the scope of the survey are shown below together with estimates of those wage and salary earners employed in agriculture, forestry, fishing, hunting, private households and members of the Australian permanent defence forces who are excluded from the scope of the survey.

AUGUST 1983
(^{'000})

	N.S.W.	VIC.	QLD	S.A.	W.A.	TAS.	N.T.	A.C.T.	AUST.
Estimates of employed wage and salary earners from survey of employers	1,783.1	1,384.0	741.8	430.3	452.2	138.0	42.0	101.9	5,073.3
Estimates of employed wage and salary earners out of scope of survey(a)	63.3	40.9	46.6	18.0	21.8	5.5	2.7	5.8	204.7

(a) Comprises estimates of wage and salary earners in the private sector employed in agriculture, forestry, fishing, hunting, private households and members of the permanent defence forces.

Survey design

5. The survey is conducted by mail each quarter with data collected on monthly employment and quarterly earnings. For the first and last month of each quarter the number of persons is collected; for the mid month of each quarter, details of males and females, full-time and part-time, are collected. (Estimates of full-time and part-time employees have not been included in this issue, but are available on request.)

6. For the *Private sector*, a sample of approximately 20,000 private employers was selected from the ABS register of businesses to ensure adequate State and industry representation. The statistical unit for the survey comprises all activities of an enterprise in a particular State. Each statistical unit was classified to an industry which reflected the predominant activity of the enterprise in the State. In a small number of cases where an enterprise had significant employment in more than one

industry, a separate statistical unit was created for each industry. The statistical units were stratified by State, industry and size of employment and a simple random sample selected from each stratum.

7. For the *Government sector*, statistical units were derived in the same way as for the private sector; data from *all* government units are collected in the survey.

Definitions

8. *Reference period* for the survey is the last pay-period ending on or before 22 July, 19 August and 16 September 1983.

9. *Number of employees* refers to all employees who received pay for any part of the relevant pay-period. All permanent, temporary, casual, managerial and executive employees are included. Part-time and casual employees who may have worked only a few hours during the reference period are included. Employees on *paid* leave and those employees on workers' compensation who continue to be paid through the employer's payroll are also included. Casual employees who work on an irregular basis and who were not paid during the relevant pay-period, employees on leave without pay, on strike or stood down without pay for the whole of the pay-period are excluded.

10. *Full-time employees* are permanent, temporary and casual employees who normally work the agreed or award hours for a full-time employee in their occupation and received pay for any part of the reference period; if agreed or award hours do not apply, employees are regarded as full-time if they ordinarily work 35 hours or more per week.

11. *Part-time employees* are permanent, temporary and casual employees who are not full-time employees as defined above.

12. *Government employees* comprise not only administrative employees but also all other employees of Commonwealth, State, local and semi-government bodies engaged in services such as railways, road transport, banks, postal and telecommunications, air transport, education, radio, television, police, public works, factories, marketing authorities, hospitals and welfare institutions.

13. *Commonwealth employees* are those employed by all government departments, agencies and authorities created by or reporting to the Commonwealth Parliament. Those bodies run jointly by Commonwealth and State governments are classified to Commonwealth.

14. *State employees* are those employed by all State government departments and authorities created by or reporting to State Parliaments, including organisations for which the Commonwealth has assumed financial responsibility e.g. universities. Following self-government, the Northern Territory administration has been classified as a 'State' government.

15. *Local Government employees* are those employed by municipalities and shires and other local authorities created by or subject to the provisions of local government legislation, such as county councils in New South Wales.

Reliability of estimates

16. As the estimates of private sector employment in this publication are based on information relating to a sample of employers rather than a complete enumeration, they are subject to sampling variability. That is, they may differ from the figures that would have been produced if the information had been obtained from all employers. This difference, called sampling error, should not be confused with inaccuracy that may occur because of imperfections in reporting by respondents or in processing by ABS; such inaccuracy is referred to as non-sampling error and may occur in any enumeration, whether it be a full count or sample. Efforts have been made to reduce non-sampling error by careful design of questionnaires, detailed checking of returns and quality control of processing.

17. The sampling error associated with any estimate can be estimated from the sample results. One measure of sampling error is given by the standard error which indicates the degree to which an estimate may vary from the value that would have been obtained from a full enumeration (the 'true' figure). There are about two chances in three that a sample estimate differs from the true value by less than one standard error, and about nineteen chances in twenty that the difference will be less than two standard errors.

18. If the standard error of an estimate is large relative to the size of the estimate, this detracts seriously from the usefulness of that estimate.

19. An example of the use of standard error for the September 1983 estimates is as follows. Table 1 shows the estimated number of wage and salary earners for September 1983 as being 5,076,000, with a standard error of 19,500. Therefore there are about two chances in three that a full enumeration would have given a figure in the range 5,056,500 to 5,095,500 and about nineteen chances in twenty that it would be in the range 5,037,000 to 5,115,000.

20. Standard errors for industries are shown only for the month of September. As the survey is conducted quarterly from a common sample of employers, which report employment details for each month of the quarter, standard errors on all estimates for total persons employed in July, August and September are of a similar magnitude.

21. Standard errors not shown in the publication are available on request.

Industry classification

22. Industry is classified according to the *Australian Standard Industrial Classification (ASIC) 1978 Edition*, (1201.0).

Comparability of results

23. The new series differs in several important ways from the former payroll tax-based civilian employees series and estimates of employed wage and salary earners provided by the Labour Force Survey. In particular, data are obtained directly from a sample survey of employers drawn from an ABS register of business units which is more complete than the coverage provided by employers subject to payroll tax. Comparability with Labour Force Survey estimates is affected by the use of a different survey methodology and definitions. A detailed description of the comparability between the new Survey of Employers series, the former payroll tax-based Civilian Employees series and the series provided by the Labour Force Survey is presented in the *Information Paper* (6256.0) referred to above.

24. Prior to July 1983 the number of government employees was derived from a variety of administrative sources and published in *The Labour Force, Australia* (6203.0). Commonwealth Government departments and authorities generally reported the number of employees on the payroll on the last working day of the month, but for State and local government employees data were usually provided for the last day of the last pay-period ending in the month. In an attempt to provide unduplicated estimates of the number of persons who were wage and salary earners, certain government returns were adjusted to exclude some part-time employees considered to have full-time jobs elsewhere.

25. Government employment figures for July 1983 and subsequent months are based on data obtained from government departments and authorities using the same questionnaire, definitions, reference period, collection and processing procedures as for the sample of private employers.

26. Because of the changes to collection arrangements, reference period, the treatment of part-time employees and inclusion of government employees in forestry and services to agriculture (11,200 in May 1983), differences occur between the new and old government series. To provide a statistical link between the new and old government series, information on the new and old basis for April, May and June 1983 is presented in Table 14.

Related publications

27. Users may also wish to refer to the following publications which are available on request:

The Labour Force, Australia (6203.0)—issued monthly

Information Paper: Review of ABS Employment Statistics (6239.0)—issued 8 July 1981

Information Paper: New Statistical Series: Employment, Average Weekly Earnings, Job Vacancies (6256.0)—issued 21 June 1984.

28. Current publications produced by the ABS are listed in the *Catalogue of Publications, Australia* (1101.0). The ABS also issues, on Tuesdays and Fridays, a *Publications Advice* (1105.0) which lists publications to be released in the next few days. The Catalogue and Publications Advice are available from any ABS office.

Symbols and other usages

- .. not applicable.
- nil or rounded to zero.

A. R. BAGNALL
Acting Australian Statistician

TABLE 1. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA
SEPTEMBER QUARTER 1983
PERSONS ('000)

Month	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Aust.
1983—									
July	1,773.9	1,375.3	737.5	428.6	448.7	137.0	41.5	101.1	5,043.5
August	1,783.1	1,384.0	741.8	430.3	452.2	138.0	42.0	101.9	5,073.3
September	1,782.8	1,386.0	744.5	431.7	449.6	137.7	42.0	101.8	5,076.0
Standard error(a)									
—level	10.8	11.9	7.7	4.1	5.7	2.5	1.0	2.2	19.5

(a) See Explanatory notes, paragraphs 16-21.

**TABLE 2. EMPLOYED WAGE AND SALARY EARNERS, STATES AND TERRITORIES
SEPTEMBER QUARTER 1983
(* 000)**

State/Sector	July 1983	August 1983		September 1983		Standard error(a) —level
	Persons	Males	Females	Persons	Persons	
New South Wales	1,773.9	1,070.0	713.1	1,783.1	1,782.8	10.8
Private	1,234.2	726.9	513.3	1,240.2	1,240.2	10.8
Government	539.6	343.1	199.8	543.0	542.6	—
Commonwealth	126.6	85.4	41.9	127.3	127.0	—
State	354.5	207.9	149.0	356.8	356.5	—
Local	58.5	49.8	9.0	58.9	59.1	—
Victoria	1,375.3	818.9	565.1	1,384.0	1,386.0	11.9
Private	956.6	562.3	402.4	964.7	967.5	11.9
Government	418.7	256.5	162.7	419.3	418.5	—
Commonwealth	99.0	70.1	29.1	99.2	99.3	—
State	283.4	164.5	119.5	284.0	283.1	—
Local	36.3	22.0	14.1	36.0	36.1	—
Queensland	737.5	458.3	283.4	741.8	744.5	7.7
Private	492.8	297.9	199.0	496.8	497.7	7.7
Government	244.7	160.5	84.5	244.9	246.8	—
Commonwealth	46.4	31.3	15.3	46.6	47.0	—
State	171.4	105.4	65.9	171.3	172.5	—
Local	26.9	23.8	3.3	27.1	27.3	—
South Australia	428.6	254.4	175.9	430.3	431.7	4.1
Private	281.6	165.3	118.1	283.4	283.7	4.1
Government	147.1	89.1	57.8	146.9	148.0	—
Commonwealth	36.6	28.2	8.6	36.8	36.8	—
State	103.3	55.4	47.5	102.9	103.9	—
Local	7.1	5.5	1.7	7.2	7.3	—
Western Australia	448.7	273.0	179.2	452.2	449.6	5.7
Private	301.0	183.2	121.2	304.4	301.4	5.7
Government	147.6	89.8	58.0	147.8	148.2	—
Commonwealth	24.2	16.3	8.0	24.3	24.6	—
State	114.2	66.4	47.9	114.3	114.5	—
Local	9.3	7.1	2.1	9.2	9.1	—
Tasmania	137.0	83.3	54.7	138.0	137.7	2.5
Private	85.3	51.5	34.3	85.8	85.3	2.5
Government	51.7	31.8	20.4	52.2	52.3	—
Commonwealth	9.5	7.1	2.5	9.6	9.5	—
State	39.0	22.0	17.5	39.5	39.5	—
Local	3.2	2.7	0.5	3.2	3.3	—
Northern Territory	41.5	24.8	17.2	42.0	42.0	1.0
Private	22.7	14.0	9.1	23.1	23.1	1.0
Government	18.8	10.8	8.1	18.9	18.8	—
Commonwealth	4.1	2.7	1.4	4.1	4.1	—
N.T. Government	14.1	7.7	6.6	14.3	14.1	—
Local	0.5	0.4	0.1	0.6	0.6	—
Australian Capital Territory	101.1	56.7	45.2	101.9	101.8	2.2
Private	38.7	20.0	18.9	39.0	38.7	2.2
Government	62.5	36.7	26.3	63.0	63.0	—
Australia	5,043.5	3,039.3	2,033.9	5,073.3	5,076.0	19.5
Private	3,412.9	2,021.0	1,416.3	3,437.3	3,437.7	19.5
Government	1,630.6	1,018.3	617.6	1,636.0	1,638.3	—
Commonwealth	408.5	277.6	133.0	410.6	411.1	—
State(b)	1,080.2	629.4	453.9	1,083.2	1,084.5	—
Local	141.8	111.4	30.7	142.2	142.7	—

(a) See Explanatory notes, paragraphs 16-21. (b) Includes the Northern Territory Government.

TABLE 3. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA: PRIVATE SECTOR-INDUSTRY
SEPTEMBER QUARTER 1983
('000)

Industry	July 1983	August 1983		September 1983		Standard error(a) —level
	Persons	Males	Females	Persons	Persons	
Mining	78.1	71.1	6.8	78.0	77.9	1.7
Manufacturing	948.5	698.4	252.1	950.5	951.2	6.7
Food, beverages and tobacco	166.6	119.6	47.5	167.1	167.1	2.5
Textiles, clothing and footwear	96.0	33.8	62.8	96.6	97.3	1.9
Wood, wood products and furniture	65.8	55.6	10.8	66.4	66.5	1.8
Paper, printing and publishing	99.4	68.9	31.6	100.5	99.6	2.7
Chemicals, petroleum and coal products	55.2	40.6	14.4	55.0	55.2	1.4
Non-metallic mineral products	33.8	29.4	4.2	33.5	33.5	0.7
Basic metal products	75.4	69.5	5.9	75.4	75.2	0.4
Fabricated metal products	92.2	75.9	15.6	91.5	91.7	2.6
Transport equipment	80.2	68.6	11.2	79.8	80.3	0.5
Other machinery and equipment	129.8	99.5	30.4	129.9	129.9	3.4
Miscellaneous manufacturing	54.1	37.0	17.8	54.8	55.0	1.7
Electricity, gas and water	6.1	5.2	0.9	6.0	6.0	—
Construction	183.9	162.1	23.5	185.6	184.9	7.1
Wholesale and retail trade	975.1	538.2	445.7	983.8	986.2	9.7
Wholesale trade	321.2	230.7	93.8	324.5	325.1	5.1
Retail trade	654.0	307.5	351.8	659.4	661.1	8.2
Transport and storage	122.1	97.5	25.9	123.4	123.2	3.7
Road transport	69.0	57.9	12.2	70.1	69.9	3.1
Other transport	53.1	39.5	13.8	53.3	53.4	1.9
Finance, property and business services	448.1	225.9	223.8	449.7	449.1	9.0
Community services	338.3	87.3	255.7	343.0	342.9	5.9
Health	162.6	24.7	138.8	163.5	163.8	4.0
Education	81.2	27.3	55.0	82.3	81.2	2.6
Other community services	94.5	35.3	61.9	97.2	97.9	3.6
Recreation, personal and other services(b)	312.5	135.3	181.8	317.1	316.2	7.7
Total all industries	3,412.9	2,021.0	1,416.3	3,437.3	3,437.7	19.5
Standard error(a)—level	19.1	13.6	10.7	19.5	19.5	

(a) See Explanatory notes, paragraphs 16-21. (b) Excludes private households employing staff.

**TABLE 4. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA: GOVERNMENT SECTOR—INDUSTRY
SEPTEMBER QUARTER 1983
(' 000)**

<i>Industry</i>	<i>July 1983</i>	<i>August 1983</i>		<i>September 1983</i>	
	<i>Persons</i>	<i>Males</i>	<i>Females</i>	<i>Persons</i>	<i>Persons</i>
Agriculture, forestry, fishing and hunting	11.2	9.7	1.5	11.2	11.2
Mining	6.8	6.6	0.2	6.8	6.8
Manufacturing	54.7	48.8	6.0	54.8	55.1
Electricity, gas and water	135.0	122.6	12.1	134.7	134.3
Construction	51.3	45.4	5.9	51.3	51.3
Wholesale and retail trade	4.9	3.3	1.6	5.0	4.9
Transport and storage	148.6	134.8	13.9	148.7	148.8
Communication	125.9	96.7	29.9	126.6	127.1
Finance, property and business services	91.6	45.1	46.5	91.6	91.6
Public administration and defence(a)	276.0	185.0	92.8	277.8	278.5
Community services	702.1	308.2	396.6	704.7	706.2
Health	250.1	72.0	179.9	251.8	251.5
Education	351.9	157.0	195.8	352.8	354.2
Other community services	100.0	79.2	20.9	100.1	100.5
Recreation, personal and other services	22.4	12.2	10.6	22.8	22.7
Total all industries	1,630.6	1,018.3	617.6	1,636.0	1,638.3

(a) Excludes members of permanent defence forces and employees of overseas embassies, consulates, etc.

TABLE 5. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA: INDUSTRY
SEPTEMBER QUARTER 1983
('000)

Industry	July 1983	August 1983		September 1983		Standard error(a) —level
	Persons	Males	Females	Persons	Persons	
Mining	84.9	77.7	7.0	84.8	84.7	1.7
Manufacturing	1,003.2	747.3	258.1	1,005.4	1,006.3	6.7
Food, beverages and tobacco	171.8	124.3	48.2	172.5	172.7	2.5
Textiles, clothing and footwear	97.1	34.1	63.5	97.6	98.3	1.9
Wood, wood products and furniture	67.8	57.4	10.9	68.3	68.4	1.8
Paper, printing and publishing	104.0	72.2	32.8	105.1	104.1	2.7
Chemicals, petroleum and coal products	59.2	43.3	15.7	59.0	59.2	1.4
Non-metallic mineral products	34.0	29.6	4.2	33.8	33.8	0.7
Basic metal products	75.5	69.7	5.9	75.6	75.4	0.4
Fabricated metal products	96.2	79.5	16.0	95.4	95.7	2.6
Transport equipment	110.7	98.1	12.1	110.2	110.7	0.5
Other machinery and equipment	132.9	102.0	31.0	133.0	133.0	3.4
Miscellaneous manufacturing	54.1	37.0	17.8	54.9	55.0	1.7
Electricity, gas and water	141.1	127.7	13.0	140.7	140.3	—
Construction	235.2	207.5	29.5	237.0	236.2	7.1
Wholesale and retail trade	980.1	541.5	447.3	988.8	991.1	9.7
Wholesale trade	325.5	233.7	95.2	328.8	329.4	5.1
Retail trade	654.6	307.8	352.2	660.0	661.7	8.2
Transport and storage	270.7	232.3	39.8	272.1	272.0	3.7
Road transport	88.3	75.7	13.9	89.6	89.4	3.1
Other transport	182.4	156.6	25.9	182.5	182.7	1.9
Communication	126.0	96.7	30.0	126.7	127.2	—
Finance, property and business services	539.7	271.0	270.3	541.3	540.7	9.0
Public administration and defence(b)	276.0	185.0	92.8	277.8	278.5	—
Community services	1,040.4	395.4	652.3	1,047.7	1,049.1	5.9
Health	412.7	96.6	318.7	415.3	415.3	4.0
Education	433.1	184.3	250.7	435.1	435.4	2.6
Other community services	194.6	114.5	82.9	197.3	198.4	3.6
Recreation, personal and other services(c)	334.9	147.5	192.3	339.8	338.9	7.7
Total all industries(d)	5,043.5	3,039.3	2,033.9	5,073.3	5,076.0	19.5
Standard error(a)—level	19.1	13.6	10.7	19.5	19.5	

(a) See Explanatory notes, paragraphs 16-21. (b) Excludes members of permanent defence forces and employees of overseas embassies, consulates, etc. (c) Excludes private households employing staff. (d) Includes employees of government agencies classified to agriculture, forestry, fishing and hunting (11,200 at September 1983).

**TABLE 6. EMPLOYED WAGE AND SALARY EARNERS, NEW SOUTH WALES
SEPTEMBER QUARTER 1983
(' 000)**

Industry	July 1983	August 1983		September 1983		Standard error(a) —level
	Persons	Males	Females	Persons	Persons	
Mining	31.6	29.3	2.1	31.4	31.5	1.6
Manufacturing	356.6	264.2	92.3	356.5	357.6	4.3
Food, beverages and tobacco	57.1	40.7	16.5	57.2	56.9	2.0
Textiles, clothing and footwear	25.0	8.1	16.9	25.1	25.4	0.8
Wood, wood products and furniture	21.2	17.6	3.8	21.4	21.4	1.3
Paper, printing and publishing	35.1	22.5	12.7	35.3	35.3	2.0
Chemicals, petroleum and coal products	26.0	17.5	8.6	26.0	26.2	0.7
Non-metallic mineral products	11.1	9.7	1.3	11.0	11.0	0.4
Basic metal products	39.8	36.7	3.0	39.7	39.6	0.3
Fabricated metal products	37.2	30.3	6.4	36.7	36.9	2.0
Transport equipment	28.4	25.8	2.4	28.2	28.8	0.4
Other machinery and equipment	56.9	43.0	14.0	57.0	57.0	1.5
Miscellaneous manufacturing	18.9	12.3	6.6	18.9	19.1	1.0
Electricity, gas and water	51.5	46.4	4.9	51.4	51.1	—
Construction	73.8	63.2	10.1	73.3	72.7	3.4
Wholesale and retail trade	350.1	194.1	158.5	352.6	353.5	5.8
Wholesale trade	123.8	88.1	37.9	126.0	126.6	4.0
Retail trade	226.3	106.0	120.5	226.6	227.0	4.2
Transport and storage	99.7	84.7	15.8	100.5	100.2	2.2
Communication	46.3	34.9	11.9	46.8	46.9	—
Finance, property and business services	225.7	107.2	118.5	225.7	225.7	5.3
Public administration and defence(b)	84.7	58.2	27.2	85.3	85.6	—
Community services	333.6	128.7	209.1	337.8	336.5	3.1
Health	138.4	31.8	107.8	139.6	139.4	2.1
Education	130.2	59.9	72.3	132.2	131.2	1.2
Other community services	65.0	37.1	28.9	66.0	65.9	1.9
Recreation, personal and other services(c)	117.0	56.3	62.3	118.6	118.2	2.9
Total all industries(d)	1,773.9	1,070.0	713.1	1,783.1	1,782.8	10.8
Standard error(a)—level	10.8	8.2	5.7	10.9	10.8	

For footnotes see Table 5.

TABLE 7. EMPLOYED WAGE AND SALARY EARNERS, VICTORIA
SEPTEMBER QUARTER 1983
('000)

Industry	July 1983	August 1983		September 1983		Standard error(a) —level
	Persons	Males	Females	Persons	Persons	
Mining	5.6	5.1	0.5	5.5	5.7	0.1
Manufacturing	343.9	243.2	101.6	344.8	345.1	4.3
Food, beverages and tobacco	46.0	32.7	13.1	45.9	46.0	1.2
Textiles, clothing and footwear	56.5	20.0	36.8	56.7	57.1	1.7
Wood, wood products and furniture	16.4	13.9	2.6	16.5	16.6	0.6
Paper, printing and publishing	33.4	24.3	9.6	33.9	33.8	1.3
Chemicals, petroleum and coal products	21.2	15.8	5.3	21.1	21.1	1.0
Non-metallic mineral products	9.5	7.7	1.8	9.5	9.5	0.4
Basic metal products	13.6	12.1	1.5	13.7	13.6	0.2
Fabricated metal products	30.6	25.1	5.5	30.5	30.6	1.2
Transport equipment	49.7	42.2	7.3	49.6	49.7	0.3
Other machinery and equipment	45.5	34.5	11.3	45.8	45.3	2.9
Miscellaneous manufacturing	21.4	14.8	6.9	21.8	21.8	0.7
Electricity, gas and water	40.7	36.8	3.8	40.6	40.4	—
Construction	54.4	48.2	7.0	55.2	56.2	4.2
Wholesale and retail trade	258.7	144.6	115.6	260.2	261.1	5.7
Wholesale trade	85.7	60.1	25.6	85.7	86.0	2.2
Retail trade	172.9	84.5	90.0	174.5	175.1	5.3
Transport and storage	66.7	55.9	10.9	66.8	66.9	2.4
Communication	33.2	25.5	7.8	33.3	33.3	—
Finance, property and business services	137.1	72.0	66.3	138.2	137.8	5.6
Public administration and defence(b)	68.9	42.0	26.9	68.9	68.9	—
Community services	277.2	104.2	174.7	278.9	278.9	4.0
Health	108.6	25.5	83.5	109.1	108.6	2.6
Education	118.1	49.3	68.9	118.2	118.2	1.7
Other community services	50.5	29.4	22.3	51.7	52.2	2.5
Recreation, personal and other services(c)	86.6	39.3	49.9	89.2	89.4	4.6
Total all industries(d)	1,375.3	818.9	565.1	1,384.0	1,386.0	11.9
Standard error(a) — level	11.5	7.7	6.5	11.6	11.9	

For footnotes see Table 5.

**TABLE 8. EMPLOYED WAGE AND SALARY EARNERS, QUEENSLAND
SEPTEMBER QUARTER 1983
(' 000)**

Industry	July 1983	August 1983		September 1983		Standard error(a) —level
	Persons	Males	Females	Persons	Persons	
Mining	17.0	15.8	1.2	17.0	16.9	0.4
Manufacturing	119.6	95.4	24.4	119.9	120.4	1.9
Food, beverages and tobacco	34.1	26.5	8.1	34.5	35.2	0.7
Chemicals, petroleum and coal products; non-metallic mineral products	11.0	9.6	1.3	10.9	10.9	0.6
Metal products	18.5	15.9	2.2	18.2	18.1	0.8
Transport equipment	12.4	11.7	0.6	12.3	12.3	0.2
Other machinery and equipment	9.7	8.4	1.1	9.5	9.5	0.5
Other manufacturing(b)	33.9	23.3	11.2	34.5	34.4	1.3
Electricity, gas and water	19.2	17.3	1.9	19.2	19.3	—
Construction	47.0	41.4	5.4	46.9	47.0	3.2
Wholesale and retail trade	151.9	83.9	70.1	154.0	154.6	3.2
Wholesale trade	46.9	34.8	12.7	47.5	47.7	1.4
Retail trade	105.0	49.1	57.4	106.5	106.8	2.9
Transport and storage	47.2	42.3	5.4	47.6	48.0	1.3
Communication	20.4	16.1	4.4	20.5	20.7	—
Finance, property and business services	69.9	36.8	32.9	69.7	70.1	2.9
Public administration and defence(c)	40.1	30.0	10.5	40.5	40.8	—
Community services	150.1	57.7	92.7	150.4	151.4	1.9
Health	59.0	14.6	44.6	59.2	59.6	1.5
Education	64.3	25.2	38.9	64.1	64.7	1.0
Other community services	26.9	17.8	9.2	27.0	27.1	0.4
Recreation, personal and other services(d)	52.5	19.5	34.1	53.5	52.9	4.5
Total all industries(e)	737.5	458.3	283.4	741.8	744.5	7.7
Standard error(a)—level	7.5	5.0	4.4	7.7	7.7	

(a) See Explanatory notes, paragraphs 16-21. (b) Includes textiles, clothing and footwear; wood, wood products and furniture; paper, printing and publishing; miscellaneous manufacturing. (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates, etc. (d) Excludes private households employing staff. (e) Includes employees of government agencies classified to agriculture, forestry, fishing and hunting.

TABLE 9. EMPLOYED WAGE AND SALARY EARNERS, SOUTH AUSTRALIA
SEPTEMBER QUARTER 1983
(' 000)

<i>Industry</i>	<i>July 1983</i>	<i>August 1983</i>		<i>September 1983</i>		<i>Standard error(a) —level</i>
	<i>Persons</i>	<i>Males</i>	<i>Females</i>	<i>Persons</i>	<i>Persons</i>	
Mining	3.1	2.6	0.4	3.0	3.0	0.3
Manufacturing	92.4	71.1	21.6	92.7	92.5	1.2
Food, beverages and tobacco	17.6	12.6	5.2	17.8	17.5	0.4
Chemicals, petroleum and coal products; non-metallic mineral products	5.2	4.4	0.7	5.1	5.1	0.1
Metal products	15.6	13.9	1.7	15.6	15.6	0.6
Transport equipment	14.4	13.0	1.3	14.3	14.0	0.1
Other machinery and equipment	12.7	9.4	3.4	12.8	13.1	0.5
Other manufacturing(b)	26.9	17.9	9.4	27.3	27.2	0.7
Electricity, gas and water	11.1	10.3	0.7	11.0	11.0	—
Construction	18.5	16.3	2.2	18.6	18.3	0.9
Wholesale and retail trade	83.6	46.0	39.0	84.9	85.4	2.7
Wholesale trade	27.6	19.8	7.8	27.6	27.8	1.0
Retail trade	56.0	26.1	31.2	57.3	57.7	2.5
Transport and storage	19.6	17.3	2.3	19.6	19.6	0.6
Communication	10.6	8.5	2.3	10.7	10.8	—
Finance, property and business services	38.7	20.0	19.0	39.0	38.8	1.8
Public administration and defence(c)	21.1	14.9	6.4	21.3	21.4	—
Community services	103.0	36.3	66.6	102.9	104.2	1.5
Health	41.7	9.3	32.7	42.0	42.1	1.1
Education	42.5	16.7	25.3	42.0	43.0	0.6
Other community services	18.7	10.3	8.6	19.0	19.2	0.9
Recreation, personal and other services(d)	26.7	10.7	15.4	26.1	26.2	1.3
Total all industries(e)	428.6	254.4	175.9	430.3	431.7	4.1
Standard error(a)—level	4.1	2.9	2.6	4.1	4.1	

For footnotes see Table 8.

**TABLE 10. EMPLOYED WAGE AND SALARY EARNERS, WESTERN AUSTRALIA
SEPTEMBER QUARTER 1983
(' 000)**

Industry	July 1983	August 1983		September 1983		Standard error(a) —level
	Persons	Males	Females	Persons	Persons	
Mining	22.5	20.2	2.5	22.7	22.4	0.6
Manufacturing	60.9	49.0	12.3	61.4	60.7	1.8
Food, beverages and tobacco	10.0	6.9	3.2	10.1	10.2	0.3
Chemicals, petroleum and coal products; non-metallic mineral products	7.3	6.5	0.7	7.2	7.3	0.4
Metal products	10.2	9.4	1.0	10.4	10.3	0.5
Transport equipment	5.0	4.6	0.4	5.0	5.0	0.1
Other machinery and equipment	7.1	5.9	1.1	7.0	7.1	0.5
Other manufacturing(b)	21.4	15.8	5.9	21.6	21.0	1.6
Electricity, gas and water	12.1	11.1	0.9	12.0	12.0	—
Construction	25.7	24.4	2.7	27.1	25.6	2.8
Wholesale and retail trade	92.2	49.6	43.6	93.1	92.9	2.7
Wholesale trade	31.1	22.9	8.6	31.5	31.2	1.6
Retail trade	61.0	26.7	34.9	61.6	61.6	2.2
Transport and storage	24.9	21.7	3.3	25.0	24.9	0.6
Communication	9.3	7.3	2.0	9.3	9.5	—
Finance, property and business services	44.7	22.9	21.9	44.8	44.8	2.1
Public administration and defence(c)	19.7	13.5	6.3	19.8	19.8	—
Community services	103.9	39.0	64.9	104.0	104.2	1.5
Health	42.3	10.3	32.0	42.2	42.6	1.2
Education	42.3	17.9	24.6	42.5	42.3	0.7
Other community services	19.3	10.9	8.4	19.2	19.3	0.8
Recreation, personal and other services(d)	31.3	13.0	18.5	31.5	31.3	2.5
Total all industries(e)	448.7	273.0	179.2	452.2	449.6	5.7
Standard error(a)—level	5.7	4.6	2.8	6.0	5.7	

For footnotes see Table 8.

**TABLE 11. EMPLOYED WAGE AND SALARY EARNERS, TASMANIA
SEPTEMBER QUARTER 1983
(* 000)**

<i>Industry</i>	<i>July 1983</i>	<i>August 1983</i>		<i>September 1983</i>		<i>Standard error(a) —level</i>
	<i>Persons</i>	<i>Males</i>	<i>Females</i>	<i>Persons</i>	<i>Persons</i>	
Mining	3.3	3.2	0.2	3.3	3.3	—
Manufacturing	23.8	19.6	4.4	24.0	23.9	0.3
Food, beverages and tobacco	5.7	3.9	1.8	5.7	5.6	0.1
Paper, printing and publishing	4.8	4.2	0.7	4.9	4.9	0.1
Chemicals, petroleum and coal products; non-metallic mineral products	1.6	1.5	0.1	1.6	1.6	—
Metal products	4.9	4.6	0.3	4.9	5.0	0.1
Other manufacturing(b)	6.8	5.5	1.4	6.8	6.8	0.2
Electricity, gas and water	5.4	5.0	0.5	5.5	5.5	—
Construction	5.4	4.8	0.5	5.3	5.4	0.3
Wholesale and retail trade	24.0	12.8	11.4	24.1	23.8	1.0
Wholesale trade	6.9	5.2	1.7	6.9	6.6	0.2
Retail trade	17.1	7.6	9.7	17.3	17.2	1.0
Transport and storage	6.6	5.8	0.9	6.7	6.6	0.2
Communication	3.2	2.6	0.7	3.2	3.2	—
Finance, property and business services	13.1	6.7	6.5	13.2	13.2	2.1
Public administration and defence(c)	7.2	5.1	2.1	7.2	7.2	—
Community services	34.3	13.2	21.8	35.0	35.0	0.3
Health	13.2	2.8	10.6	13.4	13.3	0.2
Education	16.0	6.6	9.8	16.4	16.6	0.2
Other community services	5.1	3.8	1.4	5.2	5.1	0.2
Recreation, personal and other services(d)	9.7	3.9	5.7	9.6	9.6	0.8
Total all industries(e)	137.0	83.3	54.7	138.0	137.7	2.5
Standard error(a)—level	2.5	1.4	1.5	2.6	2.5	

(a) See Explanatory notes, paragraphs 16-21. (b) Includes textiles, clothing and footwear; wood, wood products and furniture; transport equipment; other machinery and equipment; miscellaneous manufacturing. (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates, etc. (d) Excludes private households employing staff. (e) Includes employees of government agencies classified to agriculture, forestry, fishing and hunting.

**TABLE 12. EMPLOYED WAGE AND SALARY EARNERS, NORTHERN TERRITORY
SEPTEMBER QUARTER 1983
(^{' 000})**

<i>Industry</i>	<i>July 1983</i>	<i>August 1983</i>		<i>September 1983</i>		<i>Standard error(a) —level</i>
	<i>Persons</i>	<i>Males</i>	<i>Females</i>	<i>Persons</i>	<i>Persons</i>	
Mining	1.7	1.5	0.3	1.8	1.8	0.1
Manufacturing	2.3	1.9	0.4	2.3	2.3	0.1
Electricity, gas and water	0.3	0.2	0.1	0.3	0.3	—
Communication	1.1	0.7	0.3	1.1	1.1	—
Public administration and defence(b)	5.8	3.8	2.1	5.9	5.9	—
Community services	10.3	4.6	5.8	10.5	10.4	0.3
Health	3.4	1.0	2.4	3.4	3.4	0.2
Education	4.3	1.9	2.6	4.5	4.4	0.1
Other community services	2.6	1.7	0.9	2.6	2.7	0.2
Other industries(c)	20.0	12.1	8.2	20.3	20.3	1.0
Total all industries	41.5	24.8	17.2	42.0	42.0	1.0
Standard error(a)—level	1.0	0.7	0.6	1.0	1.0	

(a) See Explanatory notes, paragraphs 16-21. (b) Excludes members of permanent defence forces and employees of overseas embassies, consulates, etc. (c) Includes construction; wholesale and retail trade; transport and storage; finance, property and business services; recreation, personal and other services.

**TABLE 13. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIAN CAPITAL TERRITORY
SEPTEMBER QUARTER 1983
(^{' 000})**

<i>Industry</i>	<i>July 1983</i>	<i>August 1983</i>		<i>September 1983</i>		<i>Standard error(a) —level</i>
	<i>Persons</i>	<i>Males</i>	<i>Females</i>	<i>Persons</i>	<i>Persons</i>	
Manufacturing	3.7	2.7	1.2	3.8	3.8	0.2
Electricity, gas and water	0.8	0.7	0.1	0.8	0.8	—
Communication	1.8	1.2	0.6	1.8	1.8	—
Public administration and defence(b)	28.6	17.7	11.3	29.0	29.0	—
Community services(c)	28.0	11.7	16.6	28.3	28.4	1.2
Health	6.2	1.3	5.1	6.4	6.3	0.4
Education	15.3	6.9	8.3	15.2	15.1	0.4
Other industries(d)	38.0	22.6	15.5	38.1	37.8	1.9
Total all industries(e)	101.1	56.7	45.2	101.9	101.8	2.2
Standard error(a)—level	2.1	1.4	1.6	2.2	2.2	

(a) See Explanatory notes, paragraphs 16-21. (b) Excludes members of permanent defence forces and employees of overseas embassies, consulates, etc. (c) Includes components not shown separately. (d) Includes mining; construction; wholesale and retail trade; transport and storage; finance, property and business services; recreation, personal and other services. (e) Includes wage and salary earners employed by government agencies classified to agriculture, forestry, fishing and hunting.

**TABLE 14. EMPLOYED WAGE AND SALARY EARNERS
GOVERNMENT SECTOR—OLD AND NEW SERIES(a), JUNE QUARTER 1983
(' 000)**

State	April 1983				May 1983				June 1983	
	Persons		Males		Females		Persons		Persons	
	Old	New	Old	New	Old	New	Old	New	Old	New
New South Wales										
Commonwealth	127.9	125.9	85.5	84.1	42.0	41.7	127.5	125.8	127.2	125.3
State	337.6	352.7	192.7	198.9	146.7	143.2	339.4	342.1	340.0	355.3
Local	59.4	59.7	49.9	50.7	9.5	8.8	59.4	59.5	58.8	59.3
Total Government	524.9	538.4	328.1	333.6	198.2	193.7	526.3	527.3	525.9	539.8
Victoria										
Commonwealth	98.0	99.9	68.3	70.5	29.6	29.6	97.9	100.1	97.7	99.5
State	276.6	281.4	158.4	163.9	118.5	116.1	276.9	280.0	276.9	282.9
Local	35.2	35.8	21.8	21.9	13.7	13.4	35.5	35.3	35.5	36.6
Total Government	409.8	417.1	248.5	256.3	161.8	159.1	410.2	415.4	410.1	419.1
Queensland										
Commonwealth	47.6	46.5	32.0	31.2	15.6	15.4	47.7	46.6	47.7	46.4
State	157.5	169.5	99.7	105.6	58.1	64.3	157.8	169.8	157.6	169.8
Local	23.1	26.0	20.5	23.2	3.1	3.2	23.6	26.4	23.7	27.0
Total Government	228.2	242.1	152.2	160.0	76.8	82.8	229.0	242.9	229.0	243.2
South Australia										
Commonwealth	37.3	36.8	28.8	28.4	8.5	8.3	37.3	36.6	37.2	36.7
State	100.1	103.2	52.5	55.3	(c)42.9	48.2	(c)95.3	103.5	100.5	102.5
Local	7.0	7.1	5.3	5.5	1.7	1.6	7.0	7.1	7.0	7.2
Total Government	144.4	147.1	86.6	89.2	53.1	58.1	139.7	147.2	144.7	146.3
Western Australia										
Commonwealth	24.3	24.2	16.4	16.2	8.0	8.0	24.4	24.2	24.3	24.2
State	109.3	114.4	62.7	66.6	46.7	47.8	109.4	114.4	109.7	114.9
Local	9.3	9.3	7.4	7.2	2.0	2.0	9.4	9.3	9.4	9.2
Total Government	143.0	147.8	86.4	90.0	56.7	57.9	143.2	147.9	143.5	148.3
Tasmania										
Commonwealth	9.7	9.6	7.2	7.1	2.5	2.6	9.7	9.7	9.7	9.7
State	35.9	39.3	20.0	22.2	15.9	17.5	35.9	39.6	35.9	37.3
Local	3.2	3.3	2.7	2.8	0.5	0.5	3.2	3.3	3.2	3.3
Total Government	48.8	52.2	29.9	32.1	18.9	20.5	48.8	52.6	48.8	50.3
Northern Territory										
Commonwealth	4.1	4.0	2.7	2.7	1.4	1.4	4.1	4.0	4.1	4.0
N.T. Government	14.2	14.2	7.8	7.6	6.6	6.7	14.4	14.3	14.3	14.4
Local	0.6	0.6	0.5	0.5	0.2	0.2	0.6	0.6	0.6	0.6
Total Government	18.9	18.8	11.0	10.7	8.2	8.2	19.1	18.9	19.0	19.1
Australian Capital Territory										
Total Government	60.6	62.3	35.8	36.7	25.3	26.0	61.1	62.7	61.3	62.9
Australia										
Commonwealth	409.4	408.9	276.7	276.8	133.0	132.7	409.7	409.5	409.2	408.3
State(b)	1,031.2	1,075.0	593.8	620.2	435.3	443.8	1,029.1	1,064.0	1,034.9	1,077.5
Local	137.9	141.8	108.0	111.8	30.8	29.8	138.8	141.5	138.2	143.2
Total Government	1,578.4	1,625.8	978.5	1,008.7	599.1	606.3	1,577.5	1,615.0	1,582.2	1,629.1

(a) See Explanatory notes, paragraphs 23-26.

(b) Includes the Northern Territory Government.

(c) Affected by the incidence of school holidays.

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